Northington-Davis
10/820904

FILE 'REGISTRY' ENTERED AT 12:23:02 ON 15 MAY 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2006 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 14 MAY 2006 HIGHEST RN 884198-07-6
DICTIONARY FILE UPDATES: 14 MAY 2006 HIGHEST RN 884198-07-6

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

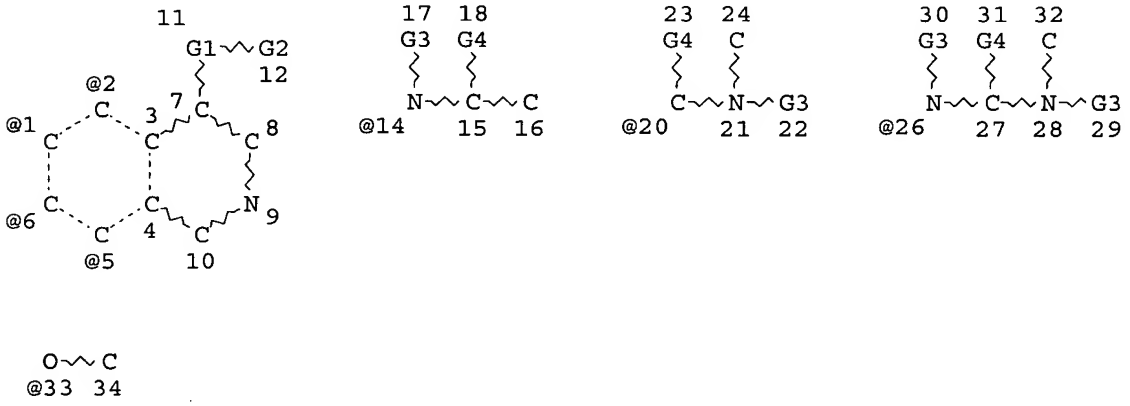
****
* *
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
* *
****

Structure search iteration limits have been increased. See HELP SLIMITS for details.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

L1 STR

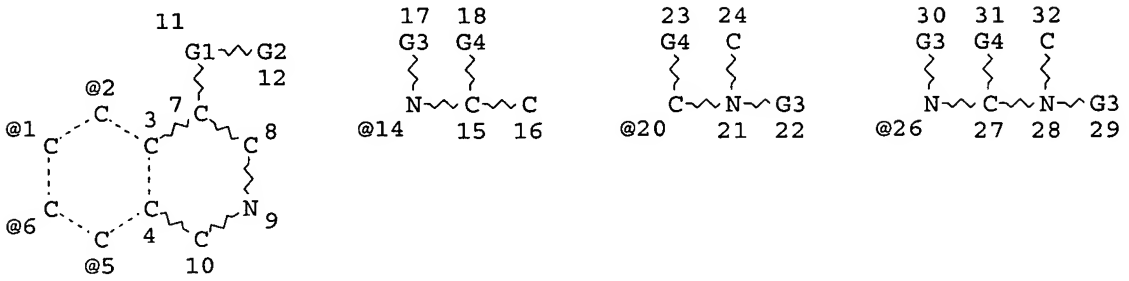


REP G1=(1-4) CH2
VAR G2=14/20/26
VAR G3=H/AK
VAR G4=S/O
VPA 33-1/2/5/6 U
NODE ATTRIBUTES:

NSPEC IS RC AT 16
NSPEC IS RC AT 24
NSPEC IS RC AT 32
NSPEC IS RC AT 34
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 31

STEREO ATTRIBUTES: NONE
L2 (69) SEA FILE=REGISTRY SSS FUL L1
L3 STR



REP G1=(1-4) CH2
VAR G2=14/20/26
VAR G3=H/AK
VAR G4=S/O
VPA 33-1/2/5/6 U
NODE ATTRIBUTES:
NSPEC IS RC AT 16
NSPEC IS RC AT 24
NSPEC IS RC AT 32
NSPEC IS RC AT 34
CONNECT IS X2 RC AT 8
CONNECT IS X2 RC AT 10
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RSPEC I
NUMBER OF NODES IS 31

STEREO ATTRIBUTES: NONE
L4 29 SEA FILE=REGISTRY SUB=L2 SSS FUL L3

100.0% PROCESSED 69 ITERATIONS 29 ANSWERS
SEARCH TIME: 00.00.01

FILE 'CAPLUS' ENTERED AT 12:23:02 ON 15 MAY 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 15 May 2006 VOL 144 ISS 21
FILE LAST UPDATED: 14 May 2006 (20060514/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

http://www.cas.org/infopolicy.html

L5 3 L4

L5 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2004:837274 CAPLUS
DOCUMENT NUMBER: 141:332067
TITLE: Preparation of isoquinolines as melatonin receptors ligands
INVENTOR(S): Poissonnier-Durieux, Sophie; Wallez, Valerie; Gasnereau, Anne; Yous, Said; Lesieur, Daniel; Delagrange, Philippe; Renard, Pierre; Bennejean, Caroline; Boutin, Jean Albert; Audinot, Valerie
PATENT ASSIGNEE(S): Les Laboratoires Servier, Fr.
SOURCE: Eur. Pat. Appl., 29 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1466604	A1	20041013	EP 2004-290918	20040407
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
FR 2853649	A1	20041015	FR 2003-4381	20030409
ZA 2004002657	A	20041014	ZA 2004-2657	20040101
NO 2004001313	A	20041011	NO 2004-1313	20040330
JP 2004307492	A2	20041104	JP 2004-104291	20040331
CA 2462939	AA	20041009	CA 2004-2462939	20040406
CN 1535957	A	20041013	CN 2004-10031034	20040407
BR 2004001031	A	20050118	BR 2004-1031	20040407
US 2004204449	A1	20041014	US 2004-820904	20040408
AU 2004201595	A1	20041028	AU 2004-201595	20040408
NZ 532221	A	20050729	NZ 2004-532221	20040408
PRIORITY APPLN. INFO.:			FR 2003-4381 A	20030409

OTHER SOURCE(S): MARPAT 141:332067
GI

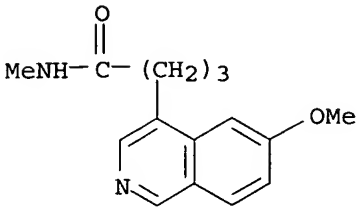
* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB Title compds. I [wherein Y = (CH2)n; n = 1-3; A = NR-(C:Z)-R'; NR-(C:Z)-NR'R'', or CZNRR'; Z = S, O; R, R'' = independently H, alkyl; R' = alk(en/yn)yl, cycloalkyl, cycloalkylalkyl, hetero/aryl, hetero/arylalkyl; X = N; NR1; R1 = H, cyclo/cycloalkyl/alkyl, hetero/aryl, hetero/aroyl, hetero/arylalkyl; R2 = cyclo/cycloalkyl/alkyloxy; with provisos; their enantiomers and diastereomers, and their addition salts with a pharmaceutically acceptable acid or base] were prepared as melatonin receptors ligands. Six biol. tests are given. For instance, reacting II•HCl over Pd/C in the presence of TEA/toluene, followed by treatment with MeNH2, containing 40% water, gave isoquinoline III. III displayed Ki values of 9.12•10-9 M and 2.16•10-9 M for the binding to MT1 and MT2 melatonin receptor in an assay using 2-[125I]-iodomelatonin as radioligand. I acted powerfully on the circadian rhythm via melatoninergic system (no data). I are useful for treating melatoninergic system related diseases.

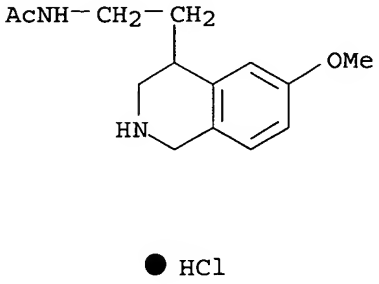
IT **773897-16-8P**, 4-(6-Methoxy-4-isoquinolinyl)-N-methylbutanamide **773897-18-0P**, N-[2-(6-Methoxy-1,2,3,4-tetrahydro-4-isoquinolinyl)ethyl]acetamide hydrochloride **773897-19-1P**, N-[2-(6-Methoxy-1,2,3,4-tetrahydro-4-isoquinolinyl)ethyl]propanamide hydrochloride **773897-20-4P**, N-[2-(6-Methoxy-1,2,3,4-tetrahydro-4-isoquinolinyl)ethyl]cyclopropanecarboxamide hydrochloride **773897-21-5P**, N-[2-(6-Methoxy-1,2,3,4-tetrahydro-4-isoquinolinyl)ethyl]cyclobutanecarboxamide hydrochloride **773897-22-6P**, N-[2-(6-Methoxy-4-isoquinolinyl)ethyl]acetamide hydrochloride **773897-23-7P**, N-[2-(6-Methoxy-4-isoquinolinyl)ethyl]propanamide hydrochloride **773897-24-8P**, N-[2-(6-Methoxy-4-isoquinolinyl)ethyl]butanamide hydrochloride **773897-25-9P**, N-[2-(6-Methoxy-4-isoquinolinyl)ethyl]cyclopropa necarboxamide hydrochloride **773897-26-0P**, N-[2-(6-Methoxy-2-phenyl-1,2,3,4-tetrahydro-4-isoquinolinyl)ethyl]acetamide hydrochloride **773897-27-1P**, N-[2-(2-Benzyl-6-methoxy-1,2,3,4-tetrahydro-4-isoquinolinyl)ethyl]acetamide **773897-28-2P**, N-[2-[2-(3-Formylphenyl)-6-methoxy-1,2,3,4-tetrahydro-4-isoquinolinyl]ethyl]acetamide **773897-29-3P**, N-[2-(6-Methoxy-2-methyl-1,2,3,4-tetrahydro-4-isoquinolinyl)ethyl]acetamide hydrochloride **773897-30-6P**, N-[2-[2-(Cyclopropylmethyl)-6-methoxy-1,2,3,4-tetrahydro-4-isoquinolinyl]ethyl]acetamide hydrochloride **773897-31-7P**, N-[(6-Methoxy-1,2,3,4-tetrahydro-4-isoquinolinyl)methyl]acetamide hydrochloride **773897-32-8P**, N-[2-(6-Methoxy-4-isoquinolinyl)ethyl]acetamide **773897-33-9P**, N-[2-(6-Methoxy-4-isoquinolinyl)ethyl]butanamide **773897-34-0P** , N-[2-(6-Methoxy-4-isoquinolinyl)ethyl]propanamide **773897-35-1P**, N-[2-(6-Methoxy-4-isoquinolinyl)ethyl]cyclopropa necarboxamide **773897-36-2P**, N-[2-(6-Methoxy-2-phenyl-1,2,3,4-tetrahydro-4-isoquinolinyl)ethyl]acetamide **773897-37-3P**, N-[2-[2-(Cyclopropylmethyl)-6-methoxy-1,2,3,4-tetrahydro-4-isoquinolinyl]ethyl]acetamide
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(melatonin receptor ligand; preparation of isoquinolines for treating melatoninergic system diseases)

RN 773897-16-8 CAPLUS

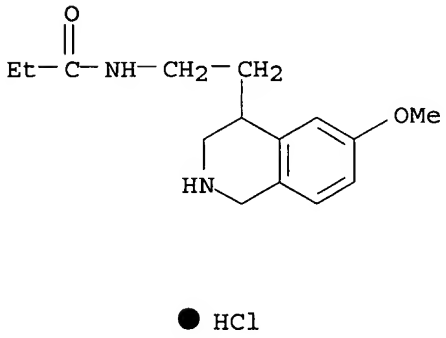
CN 4-Isoquinolinebutanamide, 6-methoxy-N-methyl- (9CI) (CA INDEX NAME)



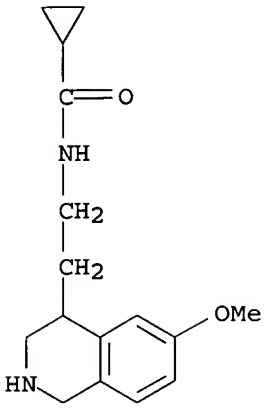
RN 773897-18-0 CAPLUS
CN Acetamide, N-[2-(1,2,3,4-tetrahydro-6-methoxy-4-isoquinolinyl)ethyl]-, monohydrochloride (9CI) (CA INDEX NAME)



RN 773897-19-1 CAPLUS
CN Propanamide, N-[2-(1,2,3,4-tetrahydro-6-methoxy-4-isoquinolinyl)ethyl]-, monohydrochloride (9CI) (CA INDEX NAME)

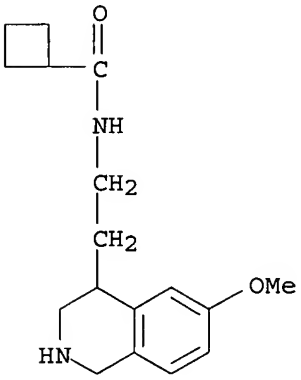


RN 773897-20-4 CAPLUS
CN Cyclopropanecarboxamide, N-[2-(1,2,3,4-tetrahydro-6-methoxy-4-isoquinolinyl)ethyl]-, monohydrochloride (9CI) (CA INDEX NAME)



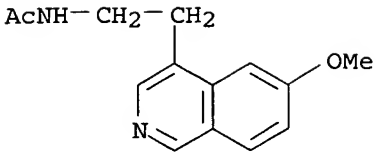
● HCl

RN 773897-21-5 CAPLUS
CN Cyclobutanecarboxamide, N-[2-(1,2,3,4-tetrahydro-6-methoxy-4-isoquinolinyl)ethyl]-, monohydrochloride (9CI) (CA INDEX NAME)



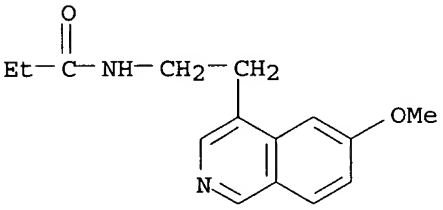
● HCl

RN 773897-22-6 CAPLUS
CN Acetamide, N-[2-(6-methoxy-4-isoquinolinyl)ethyl]-, monohydrochloride (9CI) (CA INDEX NAME)



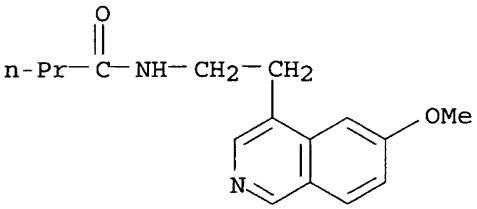
● HCl

RN 773897-23-7 CAPLUS
CN Propanamide, N-[2-(6-methoxy-4-isoquinolinyl)ethyl]-, monohydrochloride (9CI) (CA INDEX NAME)



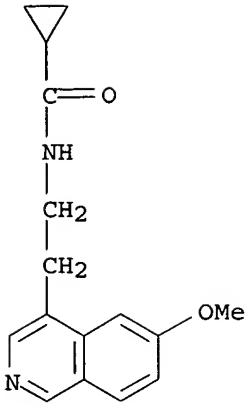
● HCl

RN 773897-24-8 CAPLUS
CN Butanamide, N-[2-(6-methoxy-4-isoquinolinyl)ethyl]-, monohydrochloride (9CI) (CA INDEX NAME)



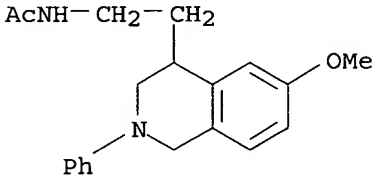
● HCl

RN 773897-25-9 CAPLUS
CN Cyclopropanecarboxamide, N-[2-(6-methoxy-4-isoquinolinyl)ethyl]-, monohydrochloride (9CI) (CA INDEX NAME)



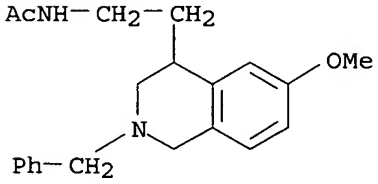
● HCl

RN 773897-26-0 CAPLUS
CN Acetamide, N-[2-(1,2,3,4-tetrahydro-6-methoxy-2-phenyl-4-isoquinolinyl)ethyl]-, monohydrochloride (9CI) (CA INDEX NAME)

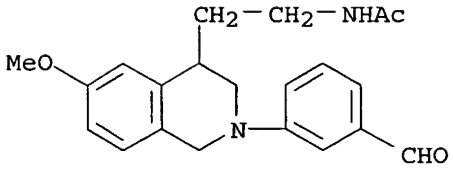


● HCl

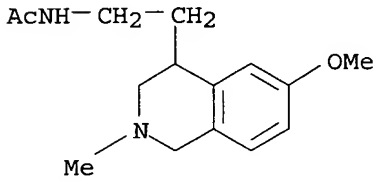
RN 773897-27-1 CAPLUS
CN Acetamide, N-[2-[1,2,3,4-tetrahydro-6-methoxy-2-(phenylmethyl)-4-isoquinolinyl]ethyl]- (9CI) (CA INDEX NAME)



RN 773897-28-2 CAPLUS
CN Acetamide, N-[2-[2-(3-formylphenyl)-1,2,3,4-tetrahydro-6-methoxy-4-isoquinolinyl]ethyl]- (9CI) (CA INDEX NAME)

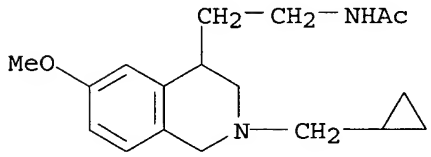


RN 773897-29-3 CAPLUS
CN Acetamide, N-[2-(1,2,3,4-tetrahydro-6-methoxy-2-methyl-4-isoquinolinyl)ethyl]-, monohydrochloride (9CI) (CA INDEX NAME)



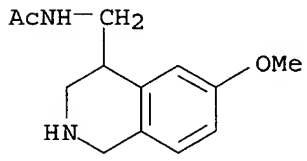
● HCl

RN 773897-30-6 CAPLUS
CN Acetamide, N-[2-[2-(cyclopropylmethyl)-1,2,3,4-tetrahydro-6-methoxy-4-isoquinolinyl]ethyl]-, monohydrochloride (9CI) (CA INDEX NAME)



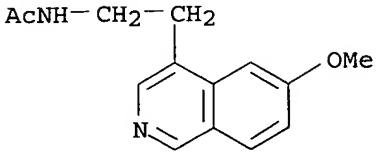
● HCl

RN 773897-31-7 CAPLUS
CN Acetamide, N-[(1,2,3,4-tetrahydro-6-methoxy-4-isoquinolinyl)methyl]-, monohydrochloride (9CI) (CA INDEX NAME)

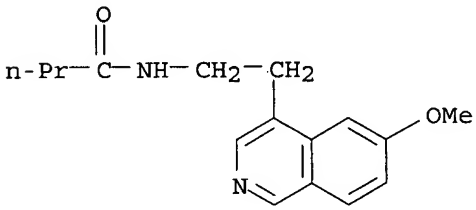


● HCl

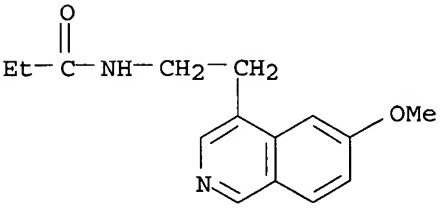
RN 773897-32-8 CAPLUS
CN Acetamide, N-[2-(6-methoxy-4-isoquinolinyl)ethyl]- (9CI) (CA INDEX NAME)



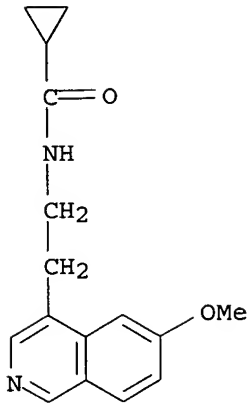
RN 773897-33-9 CAPLUS
CN Butanamide, N-[2-(6-methoxy-4-isoquinolinyl)ethyl]- (9CI) (CA INDEX NAME)



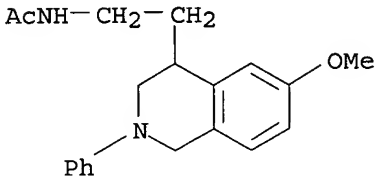
RN 773897-34-0 CAPLUS
CN Propanamide, N-[2-(6-methoxy-4-isoquinolinyl)ethyl]- (9CI) (CA INDEX NAME)



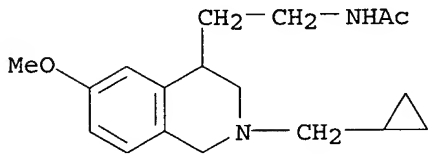
RN 773897-35-1 CAPLUS
CN Cyclopropanecarboxamide, N-[2-(6-methoxy-4-isoquinolinyl)ethyl]- (9CI) (CA INDEX NAME)



RN 773897-36-2 CAPLUS
CN Acetamide, N-[2-(1,2,3,4-tetrahydro-6-methoxy-2-phenyl-4-isoquinolinyl)ethyl]- (9CI) (CA INDEX NAME)



RN 773897-37-3 CAPLUS
CN Acetamide, N-[2-[2-(cyclopropylmethyl)-1,2,3,4-tetrahydro-6-methoxy-4-isoquinolinyl]ethyl]- (9CI) (CA INDEX NAME)



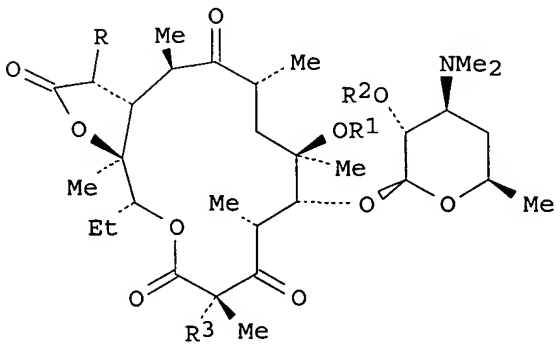
L5 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2002:487577 CAPLUS
DOCUMENT NUMBER: 137:63420
TITLE: Preparation of lactone ketolide macrolide erythromycin antibiotics
INVENTOR(S): Andreotti, Daniele; Arista, Luca; Biondi, Stefano; Cardullo, Francesca; Damiani, Frederica; Lociuro, Sergio; Marchioro, Carla; Merlo, Giancarlo; Mingardi, Anna; Niccolai, Daniela; Paio, Alfredo; Piga, Elisabetta; Pozzan, Alfonso; Seri, Catia; Tarsi, Luca; Terreni, Silvia; Tibasco, Jessica
PATENT ASSIGNEE(S): Glaxo Group Limited, UK
SOURCE: PCT Int. Appl., 215 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent

LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002050091	A1	20020627	WO 2001-GB5665	20011220
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2432429	AA	20020627	CA 2001-2432429	20011220
AU 2002017277	A5	20020701	AU 2002-17277	20011220
EP 1363925	A1	20031126	EP 2001-271380	20011220
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
CN 1492874	A	20040428	CN 2001-822651	20011220
BR 2001016431	A	20040622	BR 2001-16431	20011220
JP 2004531471	T2	20041014	JP 2002-551984	20011220
NZ 526450	A	20050429	NZ 2001-526450	20011220
ZA 2003004748	A	20040423	ZA 2003-4748	20030619
NO 2003002846	A	20030820	NO 2003-2846	20030620
US 2004077557	A1	20040422	US 2003-450893	20031119
US 2005215495	A1	20050929	US 2005-127701	20050512

PRIORITY APPLN. INFO.:	GB 2000-31309	A	20001221
	GB 2001-26276	A	20011101
	GB 2001-26277	A	20011101
	WO 2001-GB5665	W	20011220
	US 2003-450893	B1	20031119

OTHER SOURCE(S): MARPAT 137:63420
GI



I

AB The present invention relates to lactone ketolides I wherein R is H,

CN, substituted alkyl; R1 is alkyl, alkenyl; R2 is H, hydroxy protecting group; R3 is H, halogen, and pharmaceutically acceptable salts and solvates thereof, to process for their preparation and their use in therapy or prophylaxis of systemic or topical bacterial infections in a human or animal body. Thus, (11S,21R)-3-decladinosyl-11,12-dideoxy-6-O-methyl-3-oxo-12,11-[oxycarbonyl-(cyano)-methylene]erythromycin A was prepared and tested as antibacterial agent against Streptococcus pneumoniae and Streptococcus pyogenes (MIC ≤ 1 μg/mL).

IT **439102-96-2P**

RL: IMF (Industrial manufacture); PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

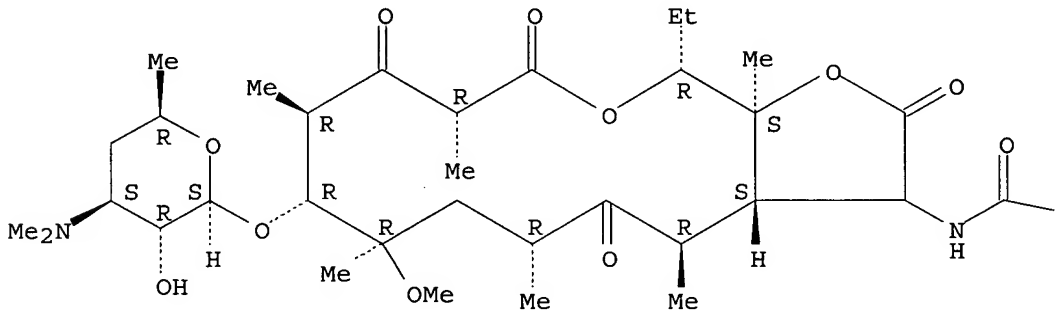
(preparation of lactone ketolide macrolide erythromycin antibiotics and their use in therapy or prophylaxis of systemic or topical bacterial infections)

RN 439102-96-2 CAPLUS

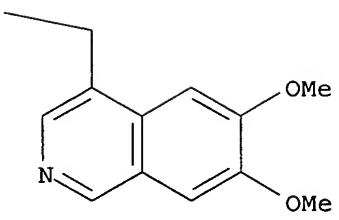
CN 4-Isoquinolineacetamide, N-[(3aS,4R,6R,8R,9R,10R,12R,15R,15aS)-15-ethyltetradecahydro-8-methoxy-4,6,8,10,12,15a-hexamethyl-2,5,11,13-tetraoxo-9-[[3,4,6-trideoxy-3-(dimethylamino)-β-D-xylo-hexopyranosyl]oxy]-2H-furo[2,3-c]oxacyclotetradecin-3-yl]-6,7-dimethoxy- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A



PAGE 1-B



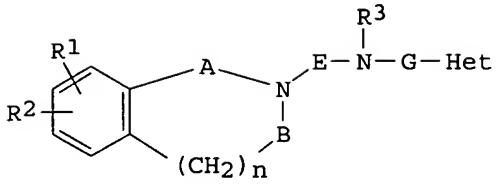
REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1989:23726 CAPLUS
DOCUMENT NUMBER: 110:23726
TITLE: Preparation of heteroaromatic amine derivatives of isoindoles and isoquinolines for treatment of heart insufficiency and ischemic heart diseases
INVENTOR(S): Bomhard, Andreas; Heider, Joachim; Psiorz, Manfred; Hauel, Norbert; Narr, Berthod; Noll, Klaus; Lillie, Christian; Kobinger, Walter; Diederen, Willi
PATENT ASSIGNEE(S): Thomae, Dr. Karl, G.m.b.H., Fed. Rep. Ger.
SOURCE: Eur. Pat. Appl., 86 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

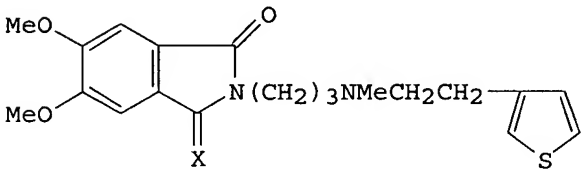
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 269968	A2	19880608	EP 1987-117201	19871121
EP 269968	A3	19901017		
R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE				
DE 3640641	A1	19880714	DE 1986-3640641	19861128
US 4912115	A	19900327	US 1987-125626	19871125
DD 270911	A5	19890816	DD 1987-309530	19871126
IL 84612	A1	19920329	IL 1987-84612	19871126
DK 8706250	A	19880529	DK 1987-6250	19871127
FI 8705233	A	19880529	FI 1987-5233	19871127
NO 8704955	A	19880530	NO 1987-4955	19871127
AU 8781876	A1	19880602	AU 1987-81876	19871127
AU 600995	B2	19900830		
JP 63150276	A2	19880622	JP 1987-299612	19871127
HU 48619	A2	19890628	HU 1987-5359	19871127
HU 206208	B	19920928		
ZA 8708914	A	19890726	ZA 1987-8914	19871127
US 5116986	A	19920526	US 1991-696677	19910507

PRIORITY APPLN. INFO.: DE 1986-3640641 A 19861128
US 1989-455722 B1 19891222
US 1990-627514 B1 19901214

OTHER SOURCE(S): CASREACT 110:23726; MARPAT 110:23726
GI



I



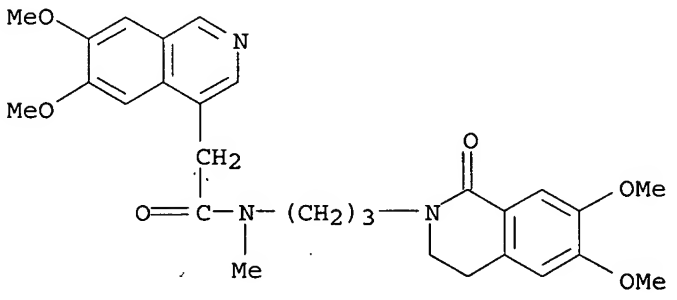
II

AB The title compds. [I; A, B = CH2, CO, CS; only 1 of A, B may be CS, in which case the other = CH2; E = C1-3 alkyl-(un)substituted, linear C2-4 alkylene; G = C1-3 alkyl-(un)substituted, linear C1-6 alkylene; R1, R2 = H, C1-3 alkyl, C1-3 alkoxy; R1R2 = OCH2O, OCH2CH2O; R3 = H, C1-3 alkyl, phenyl-C1-3 alkyl, C3-5 alkenyl; Het = 5- or 6-membered, N-containing heteroaryl, bonded via N or C, optionally containing O, S, or an addnl. N, and optionally bearing 1 or 2 substituents or a fused carbocycle; N = 0, 1], their N-oxides, enantiomers, diastereomers, and acid salts were prepared for treatment of heart failure and ischemia. 2-[3-(Methylamino)propyl]phthalimide was N-alkylated with 3-(2-bromoethyl)thiophene to give 44% isoindolinedione II (X = O) which was reduced with Zn powder in HOAc to give, after acidification with aqueous HCl, 70% II.2HCl (X = H2) (III). In isolated guinea pig heart prepns. 10-5 M III increased heart contractile strength 127% and reduced heart rate 17%. Tablets were prepared each containing III 25.0, cornstarch 57.0, lactose 48.0, polyvinylpyrrolidone 4.0, and Mg stearate 1.0 mg.

IT **116578-58-6P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, as inotropic intermediate)

RN 116578-58-6 CAPLUS

CN 4-Isoquinolineacetamide, N-[3-(3,4-dihydro-6,7-dimethoxy-1-oxo-2(1H)-isoquinolinyl)propyl]-6,7-dimethoxy-N-methyl- (9CI) (CA INDEX NAME)



FILE 'CAOLD' ENTERED AT 12:23:19 ON 15 MAY 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

Searcher : Shears 571-272-2528

FILE COVERS 1907-1966
FILE LAST UPDATED: 01 May 1997 (19970501/UP)

This file contains CAS Registry Numbers for easy and accurate substance identification. Title keywords, authors, patent assignees, and patent information, e.g., patent numbers, are now searchable from 1907-1966. TIFF images of CA abstracts printed between 1907-1966 are available in the PAGE display formats.

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file supports REG1stRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

L6 0 L4

(FILE 'REGISTRY' ENTERED AT 12:21:51 ON 15 MAY 2006)
DEL HIS Y
D SAV
ACT DAVIS8209A/A

L1 STR
L2 (69) SEA SSS FUL L1
L3 STR
L4 29 SEA SUB=L2 SSS FUL L3

FILE 'REGISTRY' ENTERED AT 12:23:02 ON 15 MAY 2006
D QUE STAT

FILE 'CAPLUS' ENTERED AT 12:23:02 ON 15 MAY 2006
L5 3 SEA ABB=ON PLU=ON L4
D 1-3 IBIB ABS HITSTR

FILE 'CAOLD' ENTERED AT 12:23:19 ON 15 MAY 2006
L6 0 SEA ABB=ON PLU=ON L4